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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Tsugunao Kobayashi

Serial No. : 09/843,557

Filed : April 26, 2001

For : BASE STATION APPARATUS, TERMINAL APPARATUS, WIRELESS COMMUNICATION SYSTEM, AND WIRELESS COMMUNICATION METHOD

Group A.U. :

Examiner :

I hereby certify that this paper is being deposited this date with the U.S. Postal Service in first class mail addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Jay H. Maioli
Reg. No. 27,213

Date
June 23, 2003

June 23, 2003
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Information Disclosure Statement Under CFR §1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure set forth in 37 CFR § 1.53 and in keeping with the guidelines of 37 CFR § 1.98, Applicant hereby submits information thought to be relevant to the examination of the above-identified application, Also submitted herewith is a completed form PTO-1449.

This information came to light during the examination of a counterpart application in the European Patent Office in a search

report dated June 5, 2003. Therefore, the undersigned hereby certifies that this information is being submitted within three months of the date on which it came to light.

U.S. Patent 5,012,469 (Sardana) relates to a class of multiple hybrid access protocols used on a single channel. A time division network dynamically switches among contention, reservation, and fixed assignment protocols as a function of the traffic on the channel.

U.S. Patent 4,672,608 (Ball et al.) relates to a method for substations to access a multiple access communication terminal. Access is determined by the base station, based on the mode of operation.

European Patent Application 96117931.4 (Fujiwara) relates to a radio packet communication system between a master station and substations. A contention mode is switched to a polling mode in accordance with the amount of transmission data reserved by the substations.

European Patent Application 96105352.7 (Kobayashi) relates to a radio communications system where a common channel is accessible from multiple terminals. Any of the terminals are allowed to transmit a packet on the common channel to a base station that is on random access mode.

The article by Gang Wu et al., dated September 1993, relates to transmitting integrated voice and data traffic to remote based stations. The first packets are sent using Idle Signal Multiple Access for Integrated services, while subsequent packets are sent using a time reservation technique.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if a fee is required for this submission, the Commissioner is authorized to charge the requisite fee to Deposit Account No. 03-3125.

Respectfully submitted,
COOPER & DUNHAM LLP

Jay H. Maioli
Reg. No. 27,213

JHM/asp
Encl.

Form PTO-1449 — U.S. Department of Commerce, Patent and Trademark Office

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.	Serial No.
7217/64326	09/843,557
Applicant	
Yasuhito Inagaki et al.	
Filing Date	**Group**
April 26, 2001	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5 0 1 2 4 6 9	4/30/91	Sardana			
	AB	4 6 7 2 6 0 8	6/9/87	Ball et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AH	0 7 7 3 6 5 1	5/14/97	Europe				X
	AI	0 7 4 4 8 4 9	11/27/96	Europe				X
	AJ							X
	AK							X
	AL							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Gang Wu et al., An Integrated Voice and Data Transmission System with Multiple Access, September 1993.
	AN	
	AO	

XAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: raw line through citation if not in conformance and not considered. Include copy of this from with ext communication to applicant.